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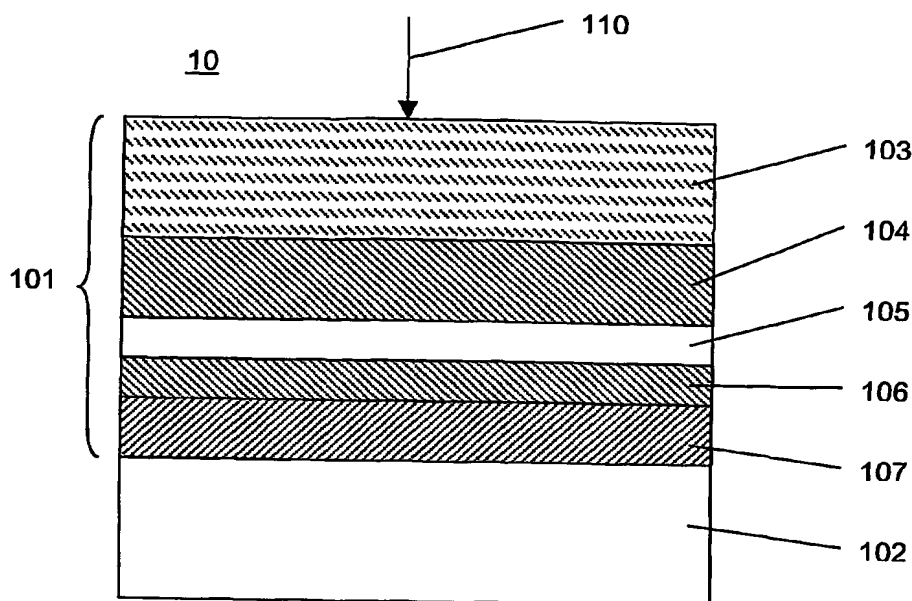
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(54) Title: REWRITABLE OPTICAL RECORD CARRIER



(57) Abstract: A rewritable optical record carrier comprising a first substrate carrying a first recording stack of layers, which recording stack comprises, a first dielectric layer, a recording layer comprising a phase-change recording material, a second dielectric layer, and a metal mirror layer. In order to achieve a maximum  $R \cdot M$  said first dielectric layer has a thickness  $d_1$  in the range of 20 nm to 50 nm, and said second dielectric layer has a thickness  $d_2$  according to the relation  $0.0225 \cdot d_2^2 - 2.6572 \cdot d_2 + 213.3(\text{nm}) < d_1 < 0.0225 \cdot d_2^2 - 2.6572 \cdot d_2 + 173.3(\text{nm})$  when the mirror layer comprises aluminum, or a thickness  $d_2$  according to the relation  $0.0191 \cdot d_2^2 - 2.0482 \cdot d_2 + 149.6(\text{nm}) < d_1 < 0.0191 \cdot d_2^2 - 2.0482 \cdot d_2 + 189.6(\text{nm})$  when the mirror layer comprises silver.

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